

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|------------------|---------|------------------|
| L2 | 1656 | ((aerial\$2 or aircraft or airplane\$1 or satellite\$1 or gps) and (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) | USPAT | OR | OFF | 2004/11/17 18:51 |
| L3 | 2980 | ((aerial\$2 or aircraft or airplane\$1 or satellite\$1 or gps) and (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 18:51 |
| L4 | 20 | ((aerial\$2 or aircraft or airplane\$1 or satellite\$1) near10 (sens\$4 or detect\$4 or monitor\$4) near15 (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) and (ground\$6 or local\$6) near10 (sens\$4 or detect\$4 or monitor\$4) near10 (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:14 |
| L5 | 0 | ((aerial\$2 or aircraft or airplane\$1 or satellite\$1) near10 (sens\$4 or detect\$4 or monitor\$4) near15 (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) and 382/109.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:11 |
| L6 | 2 | (earthquake\$1 or earth-quake\$1 or earth adj quake\$1) and 382/109.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:10 |
| L7 | 2 | ((aerial\$2 or aircraft or airplane\$1 or satellite\$1) near10 (sens\$4 or detect\$4 or monitor\$4) near15 (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) and "382"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:24 |
| L8 | 2 | 7 not 6 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:12 |
| L9 | 93 | ((aerial\$2 or aircraft or airplane\$1 or satellite\$1) near10 (sens\$4 or detect\$4 or monitor\$4) near15 (seismic\$ or earthquake\$1 or earth-quake\$1 or earth adj quake\$1)) not 6 not 8 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:15 |

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| L10 | 74 | 9 not 4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:15 |
| L11 | 8 | 10 and satellite\$4 same orbit\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:24 |
| L12 | 24 | 10 and satellite\$4 not 11 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:24 |
| L13 | 8 | (seismic\$.or earthquake\$1 or earth-quake\$1 or earth adj quake\$1). ab. and 12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:32 |
| L14 | 42 | 10 not 11 not 12 not 13 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2004/11/17 19:32 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|-----------------------------------------------------------------------------------------------------------------|------------------------------|------------------|---------|------------------|
| L1 | 7 | 702/15 and (satellite and earthquake) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:18 |
| L2 | 80 | (702/2,5,14-18).ccls. and (earthquake or quake) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:32 |
| L3 | 25 | 2 and (satellite or aircraft or air or airplane) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:19 |
| L4 | 6 | 3 and (center precise\$2) near\$5 (location position) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:28 |
| L5 | 1 | ("6574561").PN. | USPAT; USOCR | OR | OFF | 2004/11/17 14:28 |
| L6 | 913 | (earthquake\$ or quake\$ or seismic\$) and (monitor\$4 same (satellite or aircraft or airplane or air)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:35 |
| L7 | 328 | 6 and (ground same (locat\$4 or position)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:35 |
| L8 | 192 | (earthquake\$ or quake\$ or seismic\$) same (monitor\$4 same (satellite or aircraft or airplane or air)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:35 |
| L9 | 3 | 8 and (location position) same (ground near\$3 station) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 14:36 |
| L10 | 9 | ("4827421" "4943808" "5400336" "5582367" "5641134" "5871181" "5931417" "6102335" "6325332").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 15:58 |
| L11 | 28 | 382/109 and (earthquake or seismic\$1 or quake) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:05 |
| L12 | 3 | 11 and satellite\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:00 |
| L13 | 15 | 382/109 and (earthquake or seismic\$1 or quake) same (monitor\$4 or detect\$4) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:10 |
| L14 | 1925881 | 13 and satellite or air or aircraft | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:10 |

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| L15 | 2 | 13 and (satellite or air or aircraft) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:10 |
| L16 | 3 | ("6243483").URPN. | USPAT | OR | OFF | 2004/11/17 16:16 |
| L17 | 896 | (340/686.1,689,690).ccls. | USPAT | OR | OFF | 2004/11/17 16:16 |
| L18 | 84 | 17 and (earthquake or quake or seismic\$1) same (monitor\$4 or detect\$4) | USPAT | OR | OFF | 2004/11/17 16:17 |
| L19 | 28 | 18 and (satellite or aircraft or air or airplane). | USPAT | OR | OFF | 2004/11/17 16:19 |
| L20 | 24 | 19 and (station\$1 or ground\$ or central\$1) | USPAT | OR | OFF | 2004/11/17 16:18 |
| L21 | 7 | 18 and (satellite\$) | USPAT | OR | OFF | 2004/11/17 16:20 |
| L22 | 24 | ("3603951" "3701024" "3921074" "4347618" "4956875" "5121430" "5574999" "5628050" "5742235" "5781852" "5848378" "5910763" "5943630" "5949851" "5978738" "5990805" "6104582" "6112074" "6121885" "6177873" "6232882" "6255953" "6278375" "6295001").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:23 |
| L23 | 17 | ("3701024" "4122396" "4152647" "4155042" "4791572" "4857840" "4893247" "4914733" "4956875" "4962473" "5043736" "5132684" "5214757" "5278539" "5313200" "5365447" "5367306").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 16:32 |
| L24 | 24 | ("5628050").URPN. | USPAT | OR | OFF | 2004/11/17 17:15 |
| L25 | 1117 | (disaster weather earthquake) same satellite | USPAT | OR | OFF | 2004/11/17 17:15 |
| L26 | 1038 | 25 and (location position area) | USPAT | OR | OFF | 2004/11/17 17:16 |
| L27 | 307 | (324/323\$3).ccls. | USPAT | OR | OFF | 2004/11/17 17:17 |
| L28 | 1 | 26 and 27 | USPAT | OR | OFF | 2004/11/17 17:17 |
| L29 | 4 | ("4554546" "4724390" "5148110" "5811974").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 17:20 |
| L30 | 1 | ("5811974").URPN. | USPAT | OR | OFF | 2004/11/17 17:24 |
| L31 | 2 | ("6018244").URPN. | USPAT | OR | OFF | 2004/11/17 17:24 |

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| L32 | 4 | ("4554546" "4724390" "5148110" "5811974").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 17:31 |
| L33 | 26 | ("4724390").URPN. | USPAT | OR | OFF | 2004/11/17 17:34 |
| L34 | 4 | (castophonic earthquake) same (orbit near3 satellite\$1) | USPAT | OR | OFF | 2004/11/17 18:41 |
| L35 | 75 | ("4797677").URPN. | USPAT | OR | OFF | 2004/11/17 17:38 |
| L36 | 1 | ("6352222").PN. | USPAT; USOCR | OR | OFF | 2004/11/17 18:41 |
| S1 | 256 | (340/539.26,539.28).ccs. | US-PGPUB; USPAT; JPO | OR | OFF | 2004/11/16 19:02 |
| S2 | 2 | S1 and (satellite\$1 same signal\$1 same ground) | US-PGPUB; USPAT; JPO | OR | OFF | 2004/11/16 19:02 |
| S3 | 13 | ("4981188" "5463384" "5594364" "5612667" "5913917" "5995903" "6029750" "6148261" "6154699" "6161071" "6255942" "6538622" "6564127").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:25 |
| S4 | 4 | (earthquake or earth-quake or (wild near2 fire)) same (detect\$4 near9 satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:36 |
| S5 | 0 | ((wild near2 fire)) same (detect\$4 near9 satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:36 |
| S6 | 32 | (fire) same (detect\$4 near9 satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:36 |
| S7 | 1 | S6 and (verif\$4 same location\$) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:37 |
| S8 | 8 | ("2359573" "4666105" "5503350" "5507350" "5794889" "5878819" "5959423").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:41 |
| S9 | 1 | S1 and (fire same satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:42 |
| S10 | 0 | S1 and (quake same satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:42 |
| S11 | 0 | S1 and (earthquake same satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:42 |

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| S12 | 2 | S1 and (earthquake and satellite) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/16 19:42 |
| S13 | 31 | ("6023223").URPN. | USPAT | OR | OFF | 2004/11/17 09:52 |
| S14 | 2 | 702/15.ccls. and (satellite same monitor\$4) | USPAT | OR | OFF | 2004/11/17 11:45 |
| S15 | 4 | ("5075857").URPN. | USPAT | OR | OFF | 2004/11/17 09:58 |
| S16 | 4 | ("5075857").URPN. | USPAT | OR | OFF | 2004/11/17 11:44 |
| S17 | 4 | ("5075857").URPN. | USPAT | OR | OFF | 2004/11/17 11:44 |
| S18 | 129 | (342/26,357.16,460).ccls. | USPAT | OR | OFF | 2004/11/17 11:45 |
| S19 | 46 | S18 and (earth\$5 same satellite same (location or position)) | USPAT | OR | OFF | 2004/11/17 11:46 |
| S20 | 0 | S19 and (verif\$4 same detector\$1) | USPAT | OR | OFF | 2004/11/17 11:47 |
| S21 | 2 | S19 and (verif\$4 same (station central control\$4)) | USPAT | OR | OFF | 2004/11/17 11:47 |
| S22 | 6 | ("4233473" "4993067" "5235633" "5303286" "5343512" "5373298").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/17 11:51 |
| S23 | 21 | ("5561836").URPN. | USPAT | OR | OFF | 2004/11/17 12:24 |
| S24 | 1968 | satellite same data same stor\$4 same transmit\$ | USPAT | OR | OFF | 2004/11/17 12:26 |
| S25 | 398 | satellite same (data near5 stor\$4 near9 transmit\$4) | USPAT | OR | OFF | 2004/11/17 12:27 |
| S26 | 0 | earthquake and (satellite same (data near5 stor\$4 near9 transmit\$4)) | USPAT | OR | OFF | 2004/11/17 12:27 |
| S27 | 45 | earthquake and (satellite same (data near5 transmit\$4)) | USPAT | OR | OFF | 2004/11/17 12:27 |
| S28 | 13 | S27 and (ground near3 station) | USPAT | OR | OFF | 2004/11/17 12:27 |